

TABLE E-1 Tile Classification of Pelvic Ring Disruption

Type A : Stable pelvic ring injury

A1: Avulsion of the innominate bone

A2: Stable iliac wing fracture or stable
minimally displaced ring fractures

A3: Transverse fractures of the sacrum and coccyx

Type B : Partially stable

B1: Open-book injury

B2: Lateral compression injury

B3: Bilateral B injuries

Type C : Unstable (vertical shear)

C1: Unilateral

C2: Bilateral: one side B, one side C

C3: Bilateral C lesions

TABLE E-2. Clinical and Radiographic Data for the 20 Study Patients

Tile Class	Ring Injury	Age at Injury (years)	Age at F/U (years)	Length of F/U (years)	Treatment	Asymmetry at Union/ Follow-up (cm)	SMFA Bother/ Dysfunction Indices	MISS
B	U	6.2	15.1	8.9	Exfix only	1.3/ 1.3	28.4/ 23.4	16
B	U	7.8	15.3	7.5	Exfix/ORIF	0.9/ 0.9	12.2/ 10.8	24
B	B	8.5	17.2	8.7	Exfix only	0.9/ 0.9	15.6/ 12.4	33
B	U	9.6	12.6	3.2	Exfix/ORIF	2.4/2.4	29.4/ 22.2	31
C3	U	8.2	16.7	8.5	CR/Spica	0.9/ 0.9	15.2/ 13.6	11
C3	U	12.8	27.2	14.4	ORIF	0.9/ 0.9	13.8/ 12.4	17
C3	U	12.3	24.9	12.6	ORIF	0.3/ 0.3	0/ 0	50
C3	U	12.4	26	13.6	ORIF	0.4/ 0.4	0/ 0	19
C3	U	11.6	14.2	2.6	Exfix/SI	0.5/ 0.5	8.2/ 6.8	34
C3	B	3.5	11.3	7.8	ORIF	1.2/ 1.2	36.2/ 33.8	35
C	U	10.2	12.5	2.3	Exfix only	4.2/ 4.2	57.8/ 53.2	33
C	U	9.8	12.0	2.2	Exfix only	3.4/ 3.4	43.6/ 40.2	20
C	U	9.3	12.0	2.7	CR/Spica	1.8/ 1.8	39.8/ 38.4	21
C	U	10.3	12.0	1.7	Exfix only	1.5/ 1.5	28.8/ 24.6	34
C	U	11.1	12.7	1.6	Exfix/SI	0.5/ 0.5	10.2/ 8.2	14
C	U	11.8	13.9	2.1	Exfix/SI	0.4/ 0.4	0/ 0	41
C	U	10.8	21.4	10.6	Exfix/SI	0.5/ 0.5	0/ 0	34
C	U	10.1	12.0	1.9	Exfix/SI	0.8/ 0.8	12.4/ 11.2	50
C	B	2.7	17.5	14.8	Exfix only	5.0/ 5.0	58.8 / 50.4	19
C	B	10.5	12.6	2.1	Exfix only	2.3/ 2.3	44.8/ 42.2	27

U= unilateral ring injury B= bilateral ring injury

F/U= follow-up

C3= pelvic and associated acetabular fracture

SMFA= Short Musculoskeletal Function Assessment

MISS= Modified Injury Severity Score

CR= closed reduction and bilateral hip spica cast

SI= sacroiliac screw fixation

ORIF= open reduction and internal fixation

Exfix= anterior external fixation with pins adjacent to anterior superior iliac spine

TABLE E-3 Associated Injuries

Injury	Patients
Closed head injury	6
Rectal laceration	2
Liver laceration	4
Spleen fracture	4
Pulmonary contusion	4
Vascular injury (non-pelvic)	2
Urinary (bladder-ureter)	3
Perineum laceration	3
Spine fracture	2
Femur fracture	3
Tibia fracture	3
Forearm fracture	2
Humerus fracture	1
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